Smart Home
Security Alarm System

Content

Product Introduction

1.Preface 1
2.Key features 1
3.Front & Back panel view 2
4.Technical information 2

Set Alarm Host via APP

5.Download APP 3
5.1 Register in App 3
6.App main interface introduction 3
7.Connect WiFi network for host via APP 4
8.How to bind alarm host with APP 5
9.How to configure GPRS network manually 6
10.Alarm main functions setting on APP 8
11.How to learn & delete alarm accessories 11
11.1 Learn alarm accessories on APP 15
11.2 How to delete wireless sensors 15
12.Edit sensor attribution 16
13.How to learn wireless devices 16
13.1 Wireless siren 16
13.2 Wireless smart socket 17
13.3 Steps for reset socket 17
13.4 Wireless relay output 17
13.5 The instruction for use wireless relay output 19
13.6 Wireless night light 20
13.7 Wireless smart switch 20
13.8 Control relay/socket/switch/light 21
13.9 Edit siren/relay/socket/switch/light 21
13.10Delete siren/relay/socket/switch/light 21
14.Scene 22
14.1 How to add a scene 22
14.2 How to delete scene 23
15.Linkage 23
15.1 How to add a linkage 24
15.2 Four types of linkage 25
15.3 How to delete linkage 26

16.How to add IP camera 27
17.Hotspot setup 28
18.Unbind alarm host 29
19.Switch alarm host 29
19.1 Rename alarm host 29
20.How to give authorization to other users 30
21.History 30
22.Logout 30
Set Alarm Host on Panel
23.Upgrade firmware 31
24.How to switch language for alarm host 31
25.How to learn wireless sensors 32
26.How to learn devices 33
27.Delete&Review 34
28.Modify user/admin password 34
29.Volume setting 35
30.Time setting 35
31.Push/SMS alert 36
32.Alarm call No. and SMS alert No. setting 36
33.Connect WIFI network in alarm host 37
34.Modify host hotspot password 38
35.Configure GPRS network manually 39
36.Enable/Disable WiFi network/GPRS network/host hotspot 39
37.Check firmware version and SN 40
38.Default setting 40
Phone Call Functions Introduction
39.Call up 40
40.Answer alarm call 41
41.Remote phone call control 41
42.Remote SMS control 42
Wired Zone Sensor Connection
43.Wired beams 42
44.Wired PIR motion sensor 43
45.Wired door sensor 43
46.Maintenance 44

1.Preface

Thanks for choosing our GSM/3G (for option)+Wi-Fi home alarm system. This wireless home security alarm system has implanted the most advanced and popular Wi-Fi technology into traditional alarm system, with very simple wireless set up. It's very convenient for users to set up the alarm system via APP.

Caution: To ensure that you can enjoy the impeccable warranty service, do not open the host-housing to repair and renovate by yourself or we will not provide free warranty service. All the losses and the adverse consequences it makes will be assumed by users.

2.Key features

1.GSM/ 3G（for option）+ Wi-Fi home alarm system.
2.Android + IOS APP application easily control.
3.Free of charge alarm pushes through Wi-Fi network, if WIFI was cut off, change to GPRS network automatically.
4. Work with IP camera.
5. Work with 100pcs smart socket/wireless relay output to control simple home appliances.
6. 8 scene settings and 20 linkage settings.
7. Work with RFID wireless keypad.
8.20s leaving message remotely in APP.
9. Alarm host AC power failure/recover APP pushes alert, detectors in low voltage APP push alert.
10. Self-checking windows/doors status when away arm host.
11.100 wireless defense zones, 8 wired zones.
Zone names can be revised by users.
12.Support "ding-dong" doorbell function.
13.Support 6 groups of alarm call phone Number.+2 groups of alarm SMS phone No.
14. Arm/alarm delay for each defense zone.
15. Auto-arm/auto-disarm for each day setting.
16. Built-in 1000mAh rechargeable Lithium battery.
17. Two-way intercom function.

3.Front & Back panel view

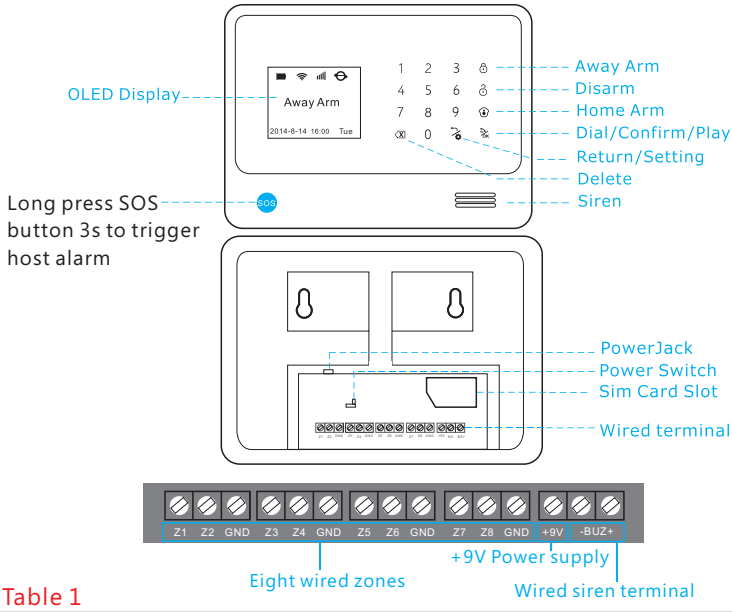


Table 1

Admin password (default0000)	Press , input admin password to enter alarm host setting menu.
User password (default1111)	Press , input user password to disarm the system

4.Technical information

Power supply: AC=100 ~ 240V 50Hz/60Hz

Working voltage: DC12V 1A

Static current: < 70mA (when not in charging)

Alarm current: < 200mA

Backup battery: 3.7V 1000mAh

Standby time: 7 hours

GSM frequency: 850/900/1800/1900MHz

For 3G frequency, please check the table on attached paper

WiFi frequency:2.4G

Receiving and emitting frequency: 433MHz (868MHz optional)

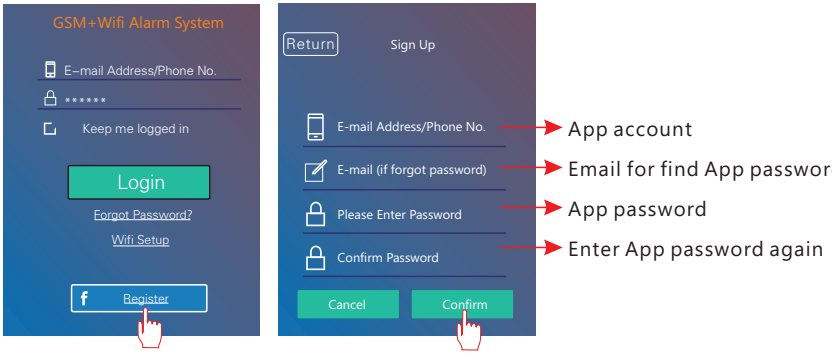
5.Download APP

Search keywords"Carener2"in apple store or google play, download and install APP.

Apple user search:"Carener2"

Android user search:"Carener2"

5.1 Register in App

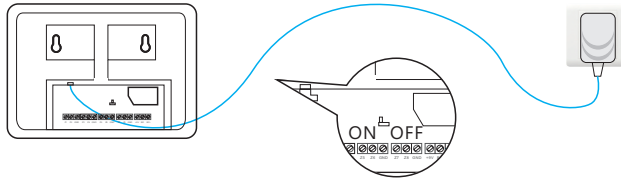


6.App main interface introduction

Table 2

	Away Arm	All the wireless sensors will under arm status .
	Home Arm	Alarm sensors under the 1st defense line and 24 hours defense line are workable. 2nd defense line sensors are disable
	Disarm	All the all sensors will not work except sensors in 24H defense line.
	Voice message	Keep pressing this button, start to record voice message, once release the button, the message will send out to alarm host(Maximum 20 seconds).
	WiFi/GPRS mode	The APP will work via WiFi/GPRS network, user can do all settings when APP work with WiFi/GPRS network.
	SMS mode	The APP will work via SMS, user can only Away Arm/ Home Arm/Disarm the host, can not do other settings.
	Make call	After users set the alarm host's phone number in APP(take page 8 for reference), then user can press to make call to alarm host directly.

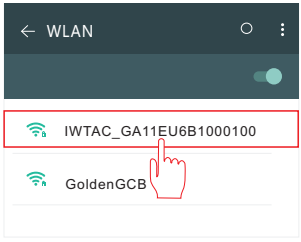
7.Connect WiFi network for host via APP



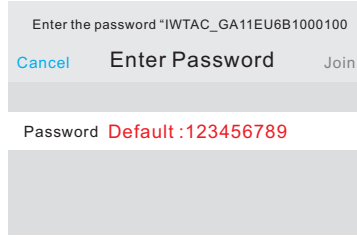
① Plug the AC adapter to a power outlet

② Then switch on the system

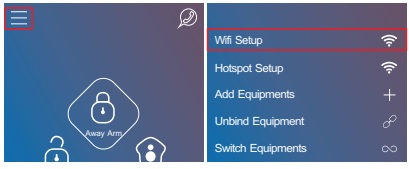
③ Go to WLAN interface of Smartphone, click hotspot name begin with IWTAC_, like GA11EU6B1000100



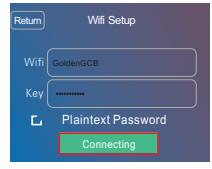
④ Input the default password: 123456789



⑤ Click set button in APP, choose sub-menu "WiFi setup"



⑥ Input your router Wi-Fi name and Wi-Fi password, then press "connecting" button.





start connecting...
connect network success...

⑦ Alarm host will sound "start connecting"

⑧ APP will try to connect Wi-Fi for alarm host, after finished, host will sound " connect network success"

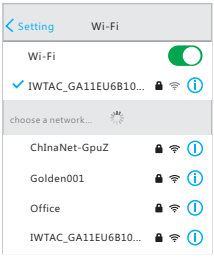


When the wifi icon and serve icon appear at the same time, means connect wifi successfully.

8.How to bind alarm host with APP

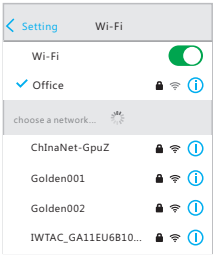
After connect Wi-Fi network, your phone is still connecting with alarm host's hotspot, please set smart phone connect with workable Wi-Fi or GPRS/3G/4G network before bind alarm host.

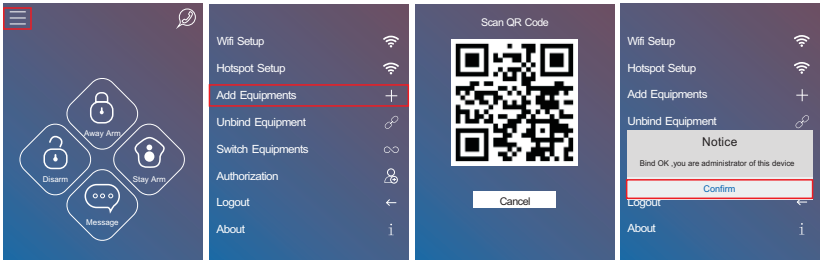
Now connected with hotspot



Change to

Connected with Wi-Fi





① Click button.

② Choose "Add equipment"

③ Scan the QR code on alarm panel rear cover label.

④ Once pop up "Bind OK, you are administrator of this device" ,then succeed.

Note: if the alarm host has been bound by stranger, please contact the seller.

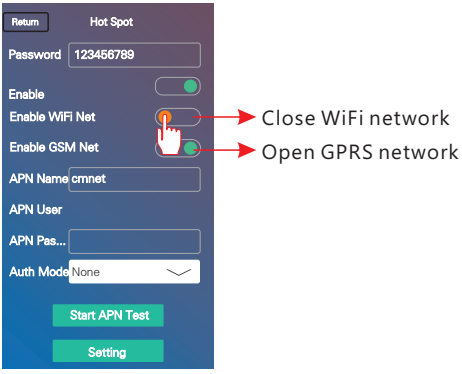
9.How to configure GPRS network manually

Check whether alarm host has already configured with GPRS, as after alarm host connect with Wi-Fi, it will configure APN automatically, the method for checking whether alarm host has already configured with APN is as below:

① Switch off the alarm host, install SIM card, then switch on the host again.

Note: alarm host should be switched off before SIM card installation.

② Close Wi-Fi for alarm host on APP and open GPRS in APP.



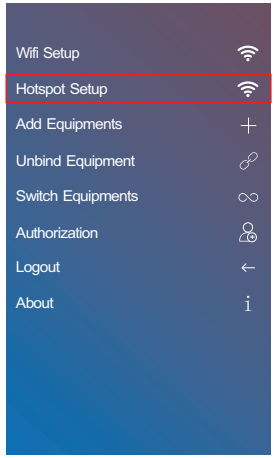
③ Check whether alarm host main menu display GPRS icon.

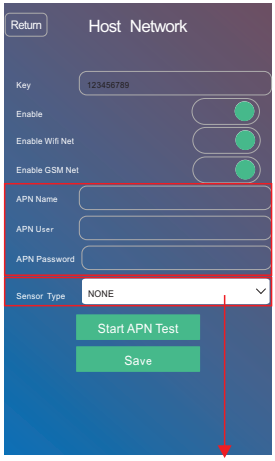


Once GPRS icon displayed, it means GPRS network has configured successfully.

If GPRS icon doesn't appear, that means user needs to configure GPRS manually. User can install SIM card in smartphone to check APN information, or user can get APN information from SIM card operator. Enable WiFi network for host via panel (check page 39). Set the alarm host work with Wi-Fi network, then input APN name, APN user and APN password in App, click [save] button. Finally user need restart alarm host to make it configure with new APN parameter.





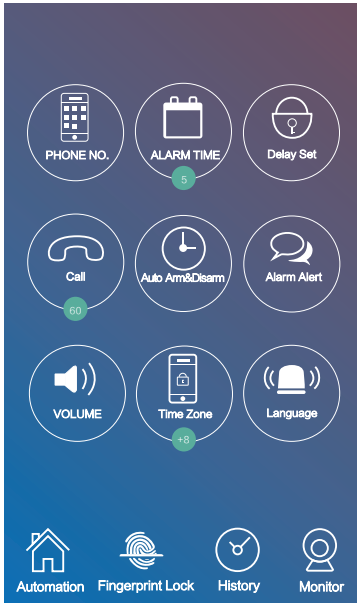


Choose"NONE" for default



After finished GPRS configuration ,close wifi again to check whether GPRS icon displayed; if GPRS icon displayed, that means new configuration is succeed.

10.Alarm main functions setting on APP



① "Phone No.":alarm call phone number & SMS alert phone number setting.

② "Alarm time":mainly for build-in siren alarm time setting.

③ "Delay setting":including Arm Delay and Alarm delay setting.

④ "Call" is for ring time setting.

⑤ "Auto Arm&Disarm":in total can set 3 groups of time for auto arm and auto disarm.

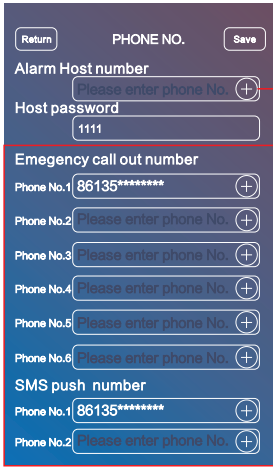
⑥ "Alarm Alert":includes AC Power Failure, AC Power Recover, Arm&Disarm, Host Low Volt, Sensor Low Volt, Wifi Available, door open, door close, SMS push.

⑦ "Volume" is mainly for setting prompt volume, message volume, alarm volume, speech volume.

⑧ "Time Zone" is mainly for choose Country Time zone.

⑨ "Language":user can download different voice languages for alarm host.

①Alarm phone call No. & SMS number setting

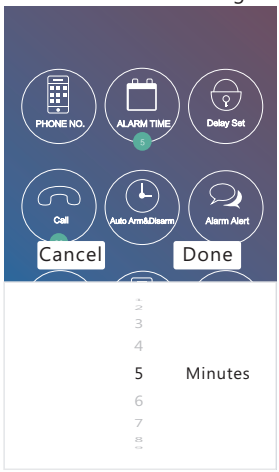


Input alarm host Sim-Card No. for one-key call

"Country Code"+"Phone Number"

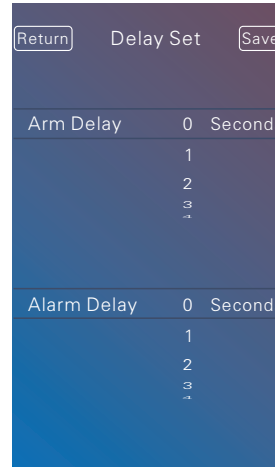
Note: please add country code before phone number.

②Alarm time setting, mainly for build-in siren alarm time setting.



②

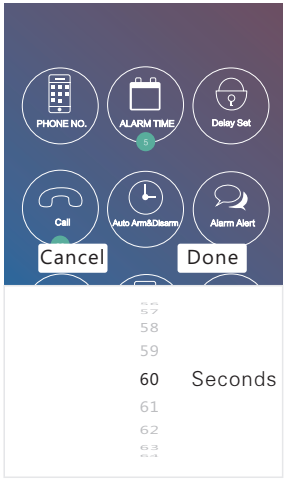
③Delay setting , including Arm Delay and Alarm delay time setting.



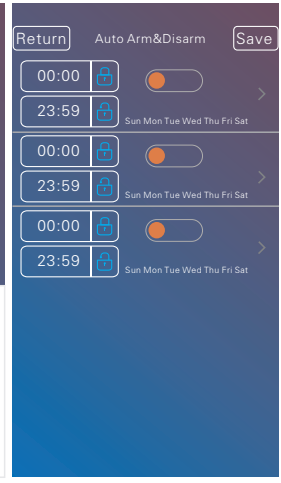
③

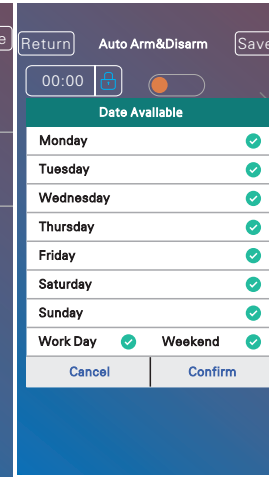
④"Call" is for ring time setting.

⑤"Auto Arm&Disarm" in total can set 3 groups of time for auto arm and auto disarm.



④





⑤

Deactivate

Activate

⑥

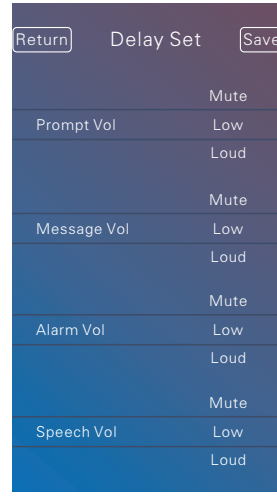
"Alarm Alert"includes AC Power Failure, AC Power Recover, Arm&Disarm, Host Low Volt, Sensor Low Volt, Wifi Available, door open, door close, SMS push.



⑥

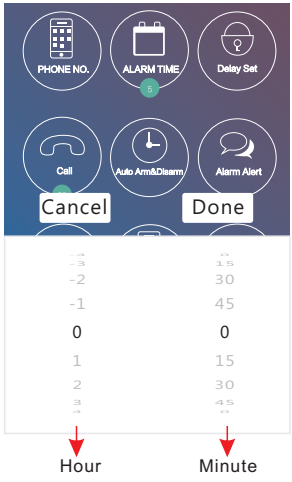
⑦

"Volume" is mainly for setting Prompt volume, Message volume, alarm volume, Speech Volume.



⑦

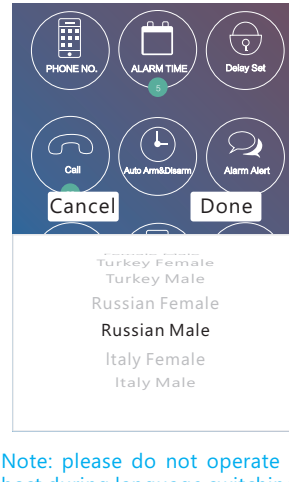
⑧"Time Zone" is mainly for choose Country Time zone



⑧

- : means west time zone
Otherwise means east time zone

⑨"Language", user can switch voice languages for alarm host.



⑨

Note: please do not operate the host during language switching.

11.How to learn & delete alarm accessories

Table 3

WDS07
Door Sensor



WRDS01
Roller Shutter Sensor



Separate the transmitter and magnet with the distance of more than 2CM,it was triggered alarm.



WMS04
PIR Sensor



N650
Pet-immunity PIR

WMS07
PIR Sensor



WMS08
PIR Sensor



WPD01
Pet-immunity PIR



WPD02
PIR Sensor



CWMS01
Ceiling PIR



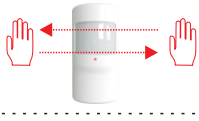
WCMS02
Curtain PIR



ODPIR
Outdoor PIR Sensor



ODPIR03
Solar PIR



Taking movement in front, the indicator light will be on, it was triggered alarm.



K07
RFID Keypad



Press tamper switch to trigger alarm



Press"✳"to activate keypad



Press password"1234" press " " to disarm the system

Table 3



RMC02
Metal Remote



RMC07
Remote Controller



RMC08
Plastic Remote



Press any button on remote controllers ,it will send out signal.



BLPS
Glass Break Detector



knock the glass cup to trigger alarm



WSS01
Vibration Sensor



Shock the sensor to trigger alarm

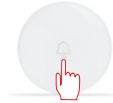


WGD01
Gas Detector



Press"learning button"to send out signal

WDB
Doorbell Button



Press"doorbell button"to send out signal



WSD02
Smoke Detector



WSD04
Smoke Detector



Press the"test button"to trigger alarm



LSTC01
Water Detector



LSTC02
Water Detector



Make two pins into water to trigger alarm



WEB03
SOS Button



WEB01
SOS Button



Press" SOS button" to send out signal



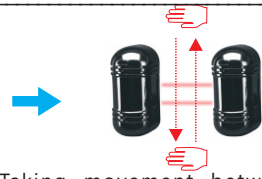
ABT Twin-beam



ABE Tri-beam



ABH Four-beam



Taking movement between transmitter and receiver to trigger alarm

The accessories below are belongs to wireless devices, users can check their coding method on page 16-20.



SS04
Indoor Siren



SS07A
Indoor Siren



SS02B
Strobe Siren



SS08
Outdoor Siren



S07
Smart Socket



JDQ
Relay Output



Night Light



Control Box



Remote Switch

Table 4

- Defense Line Table

24H defense line	no matter the host is under arm status or disarm status, sensors in 24H defense line will always work.
1st defense line	the sensors in 1st defense line will work when host is under away arm and home arm status, while they won't work when host is under disarm status.
2nd defense line	the sensors in 2nd defense line will only work when host is under away arm status, they won't work when the host is under home arm or disarm status.

Table 5

Alarm Delay	Alarm delay setting is that the host will not alarm until delayed time arrives.
Join Linkage	If choose "join linkage"for alarm sensor, then means this alarm sensor will active to work, if not chosen means will not work anytime in any status.
Detect Door	If choose "detect Door"for door/window sensors , then those sensors will have smart zone function. That is, when users away arm alarm host, the system will automatically check whether doors and windows are closed; alarm host will remind users which door or window is open. Note: This function is only available for smart door/window sensor.
Door Chime	This function is suitable for main entrance gate installation to remind home owners that someone is coming in when the alarm system in home arm or disarm status.
Independent Zone	Every zone can be set to be independent zone, which can be disarmed by APP or host keypad, but can't be disarmed by remote controllers. The feature is suitable for important room or private room.
Sensor Type	The category of sensor
Sub Type	The sensor sub type is according to sensor's model.

11.1 Learn alarm accessories on APP

Log in APP application, slide the screen to left side, it is the Sensor List interface.

①Click the [Add] button, the APP will go to New Sensor interface.

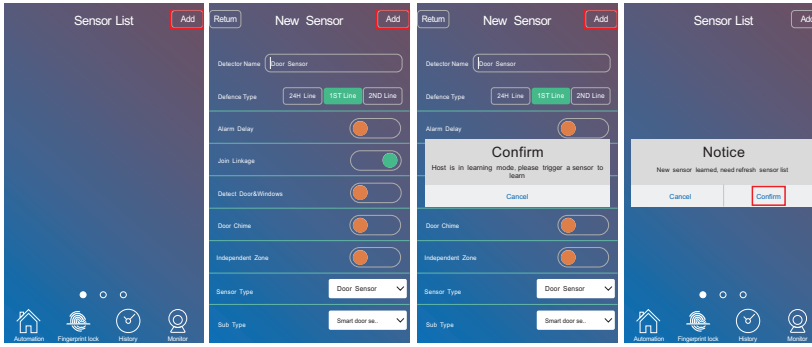
② First choose sensor type and sub type(take table 3 for reference),revise the sensor name, choose defense type, and do other functional settings（take "table 4 & table 5"for reference）.

③ Click the [Add] button, the host will say " start learning, please trigger detector".

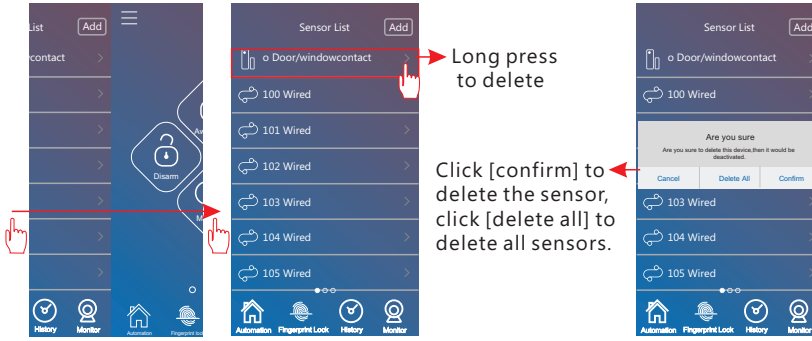
④ Trigger the sensor or make sensor send out signal.

And then the host will say " learning success".

⑤ Touch [confirm] in APP when it tips "New sensor learned, need refresh sensor list".

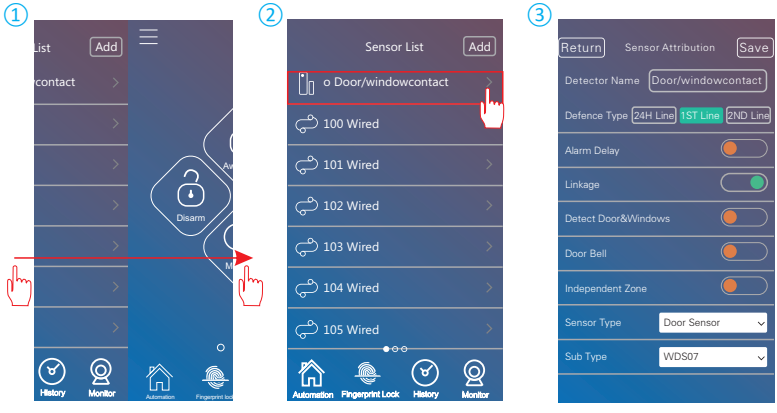


11.2 How to delete wireless sensors



12.Edit sensor attribution

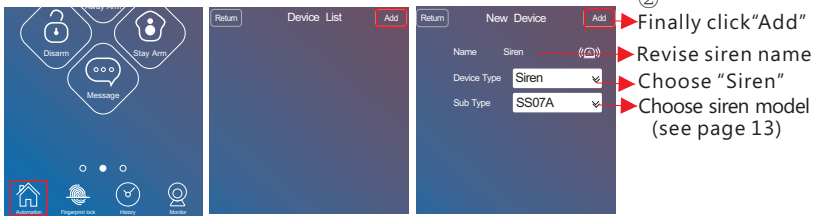
After learned alarm sensors, if users want to revise sensors attribution, just follow the steps below to revise zone information.



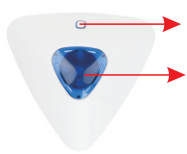
13.How to learn wireless devices

13.1 wireless siren

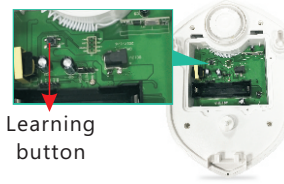
① Login APP ,click "Automation" to enter the "Device list", press"Add".



③Power on the siren, short press SS07A/SS08 sirens' learning button once, or long press SS04/SS02B sirens' learning button 3s, the siren will under coding status.

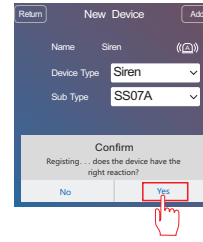


SS07A Indoor Siren



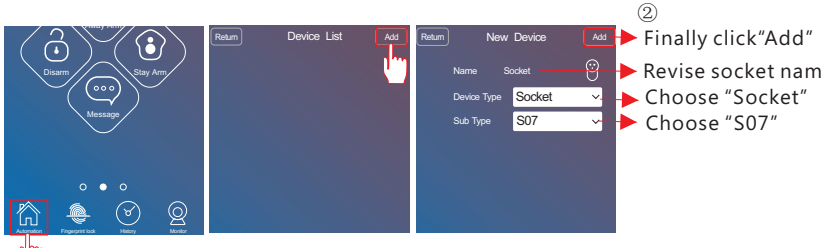
SS08 Outdoor Siren

④ If finally SS07A siren signal light quickly flash 2 times, or SS08 siren make a long beep, or SS04/SS02B siren keep beeping, then coding succeed.



13.2 Wireless Smart Socket

① Login APP ,click "Automation" to enter the "Device list", press"Add".

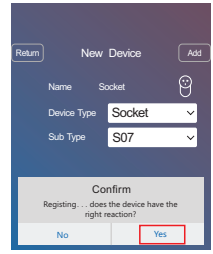




Power on socket,long press "learn" button until LED light on.



LED light flashes quickly two times, coding succeeds.



Note:

if the LED light flashes quickly five times, means already learned, then need to reset socket.

13.3 Steps for Reset Socket

1)

Press learn button.



2)

Keep pressing, insert the socket to power supply.



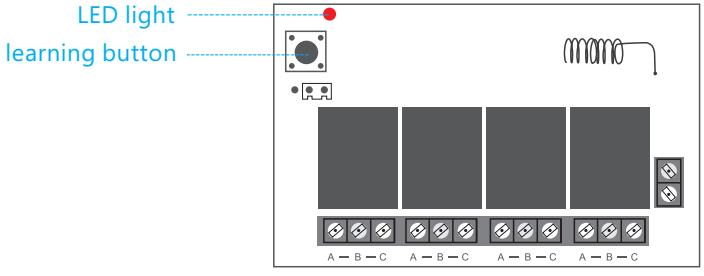
3)

Keep pressing learn button until LED light turns on, then reset succeeds.



13.4 Wireless Relay Output

① Reset relay output: power on it,long press learning button about 6s until LED light turns on again.



② Login APP ,click "Automation" to enter the "Device list", press"Add".



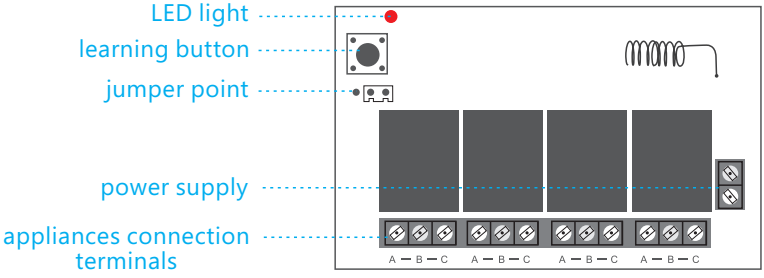
④Press learning button once

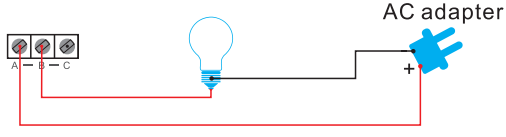


⑤After hear the relay make switch sounds, click "Yes".



13.5 The instruction for use wireless relay output





Attention:
When you plug the Jumper between the 1, 2 pins, four bulbs will simultaneously be opened and closed, or opened /closed several of them; when Jumper between the 2, 3 pins, you can only turn on one bulb once, for example, if you have already opened the '1' bulb, when open the “2” bulb,the'1' bulb will go off.

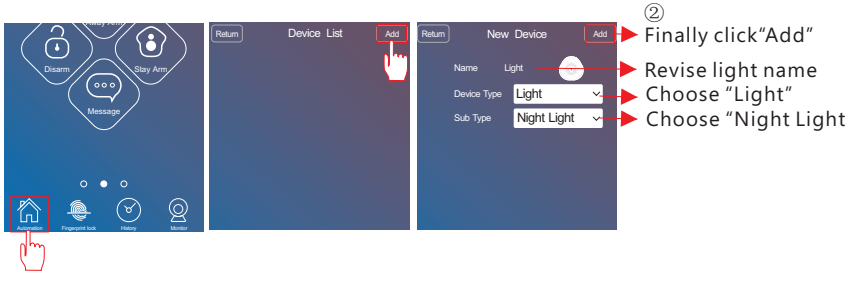


There are four groups of "A/B/C" in a relay and one group will control one set of circuit. As known to all that only a closed circuit formed the appliance works, that's to say the relay is a switch in this circuit.

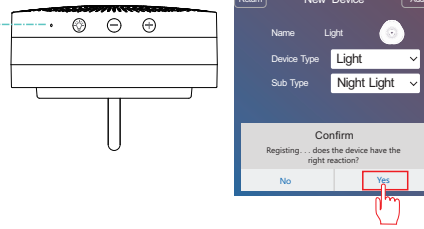
For example: If you would like the beside lamp controlled by the first group, simply cut off the Fire Wire of bedside lamp circuit and reconnect the two sides of A B. Of course, you can also be cut off the zero line to plug in A and B of the first group as well. Same goes for the second,third and fourth group.

13.6 Wireless Night Light

① Login APP ,click "Automation" to enter the "Device list", press"Add".

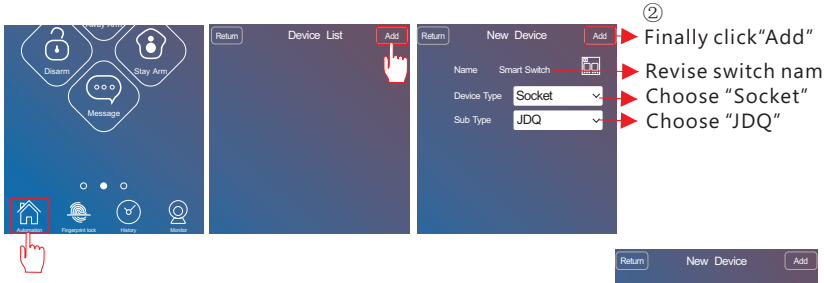


③ Use pin to press the button once.

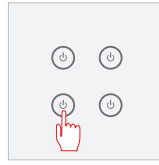


13.7 Wireless Smart Switch

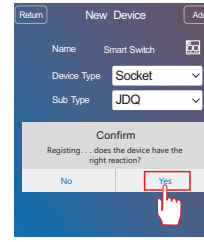
①Login APP ,click "Automation" to enter the "Device list", press"Add".



③Long press about 3s until its backlight flashes.

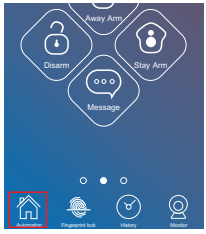


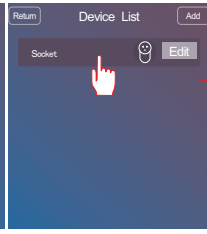
④When switch's light stop flashing, click "Yes".



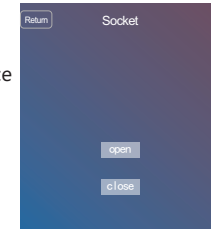
13.8 Control devices

The device means wireless relay output, smart socket, switch and night light.





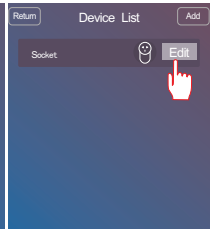
Click to enter device control interface.

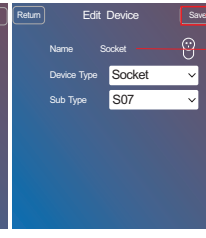


13.9 Edit devices

The device means wireless relay output, smart socket, switch, night light and siren.





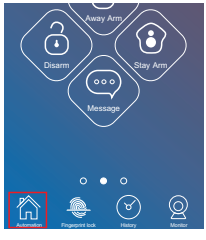


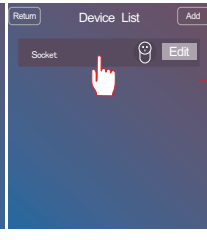
Finally click"Save"

Edit name

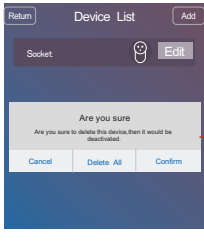
13.10 Delete devices

The device means wireless relay output, smart socket, switch, night light and siren.





Long press to delete device.



Press "Confirm" to delete the current device,

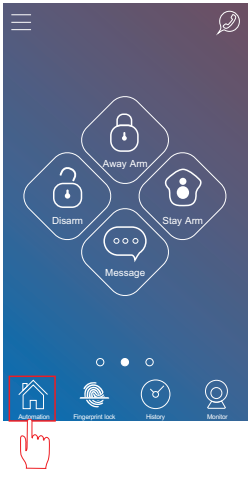
Press "Delete All" to delete all devices.

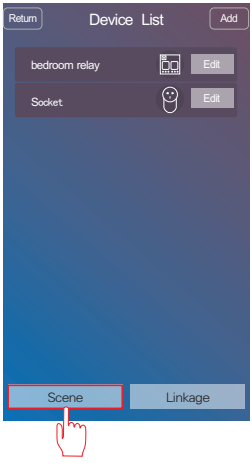
14.Scene

Scene is a serial of devices' actions.

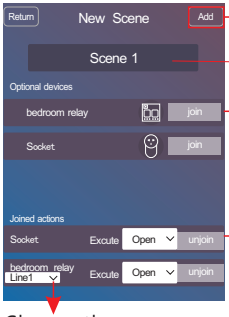
For example, users can set a return home scene. When users execute the scene, the living room light and the air-condition will be turned on.

14.1 How to add a scene









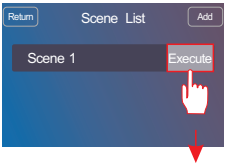
Finally click "Add"

Edit scene name

Click [join] button to choose devices. Note: Devices can be joined one or more times.

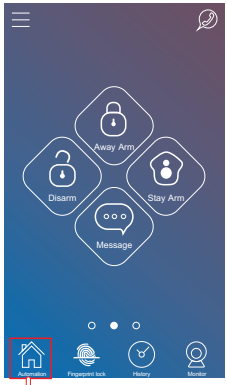
Set open/close/pause actions. If do not need the device, just unjoin it.

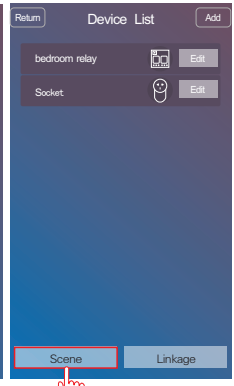
Choose the channel for relay.



Click [Execute] button to execute that scene.

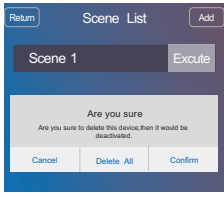
14.2 How to delete scene







Long press to delete scene.



Press "Confirm" to delete the current scene,
Press "Delete All" to delete all scenes.

15.Linkage

What is linkage: a trigger which can be detector or time make one device or one scene act.

That is, when a sensor is triggered, the linked device will act.

When a sensor is triggered, the linked scene will act.

When it arrives the set time, the linked device will act.

When it arrives the set time, the linked scene will act.

.

For example:

When the front door open, the front door lamp will be turned on.

When the front door open, the scene(the front door lamp turn on and the air-condition turn on) will act.

When it is 8am, the bedroom light will be turned on .

When it is 8am,the scene(the bedroom lamp turn on and the curtain open) will act .

15.1 How to add a linkage:



Introduction of new linkage adding interface

Firstly edit new linkage name.

Trigger Type can be sensor or time.

If choose the trigger type as sensor, user need to set the Trigger action of sensor, the trigger action can be open/close/trigger.

If choose the trigger type as time, user need to set the Validity Date and Time.

Linkage type can be device or scene.

If choose the linkage type as scene, user need to choose the linked scene.

If choose the linkage type as device, user need to choose the linked device and set the linkage action.

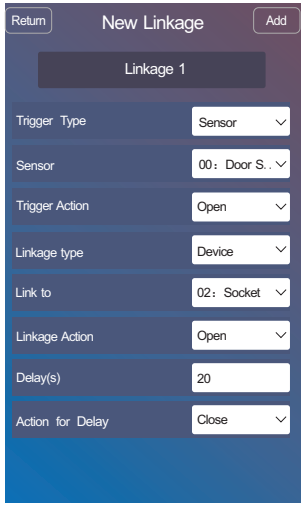
Delays time and Action for Delay:

if the linked type is device, users can also set a delayed action for that device. That is, a trigger which can be detector or time make one device act, after some delay time, the device can do another action.

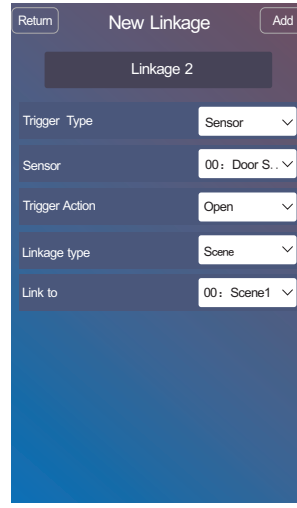
For example:
When the front door open, the front door lamp will be turned on. After 30 seconds, the front door lamp will be turned off.
When it is 8am, the bedroom light will be turned on. After 60 seconds, the bedroom lamp will be turned off.

15.2 Four types of linkage:

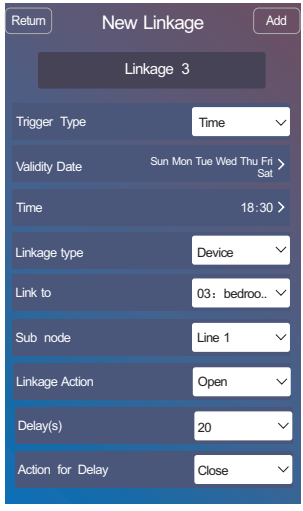
1.Sensor linked to device



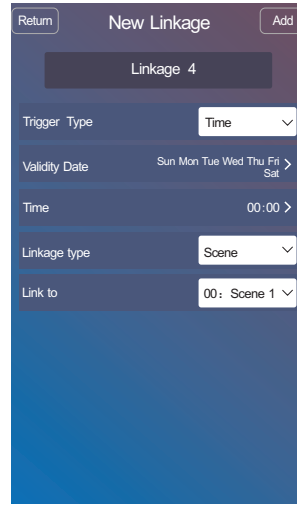
2. Sensor linked to scene



3. Time linked to device



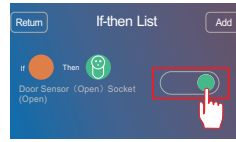
4. Time linked to scene



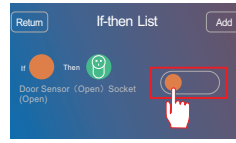
Linkage list



Activate/Deactivate linkage:



Activate

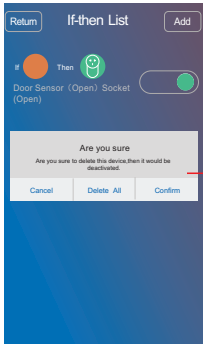


Deactivate

15.3 How to delete linkage



Long press to delete linkage.



Press "Confirm" to delete the current linkage,
Press "Delete All" to delete all linkages.

16.How to add IP camera

Firstly, download the IP camera APP:

Apple user search : Yoosee

Android user search : Yoosee

User can also visit the website (www.yoosee.co) to download the IP camera App .

Secondly, Install IP camera APP in smart phone and register.

Finally, user can enter alarm host APP interface, press Monitor button to enter IP camera "Device List" interface, press + button on the top right corner, users will see two ways to add IP camera, that is " smart connection" and "Add manually".

Smart connection: users need to charge the IP camera with adapter. Choose "smart connection" to enter next interface, click [Next] to enter next interface ,then fill in the WiFi password and click [Next]. Click [Next]. Wait for some time, the APP will automatically shows IP camera ID, input the device password(default:123) and click [save] button, then adding succeed.

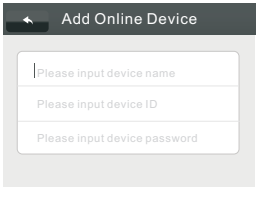
Note: after adding succeed, if there is exclamatory mark beside the device, users should change more complex password for IP camera.

Add manually :

①Choose "Add manually" to enter "Add online device" interface.

②Enter IP camera ID , input device name and input device password. Press [Save] to finish adding.

Note: IP camera ID is stuck at the bottom of IP camera. Users can define device name and the default device password is 123.



③Power on the IP camera and then connect IP camera with network cable. Then the IP camera can connect with network. Refresh “Device list” , then users can see that IP camera would be “online”.





④ Click that IP camera device, appear “playback”, “setting” and “edit” buttons. Choose “Setting” to enter setting interface.

⑤Choose “Network Settings” to enter below interface.

⑥ Choose the available WiFi in the list, enter password, and press OK button to finish setting.

⑦Then device can work with WiFi network and users can pull up the network cable. Then press next step to finish installation. After installation, Once IP camera is online(connect Power and Wi-Fi/wired internet), user can check what is happening in house whenever and wherever.

17.Hotspot setup

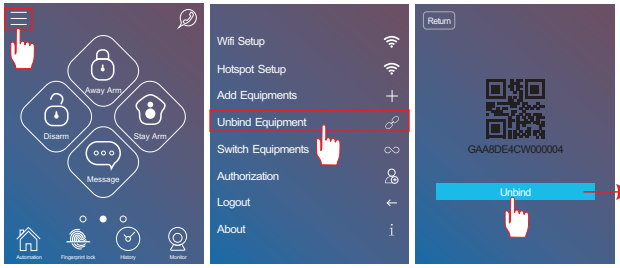
Key: it is the alarm host hotspot password (default:123456789), users can edit this password.

Enable: users can enable/disable the host hotspot.

Enable WiFi Net: users can enable/disable WiFi network of alarm hosts.

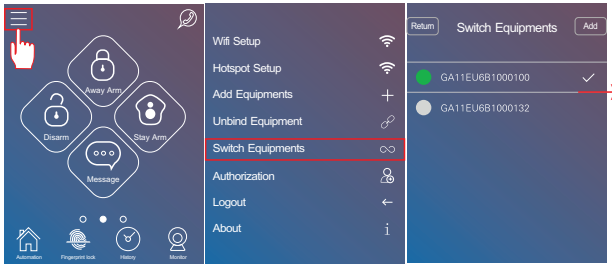
Enable GSM Net: users can enable/disable GPRS network of alarm host.

18.Unbind alarm host



Press to unbind the current alarm host.

19.Switch alarm host



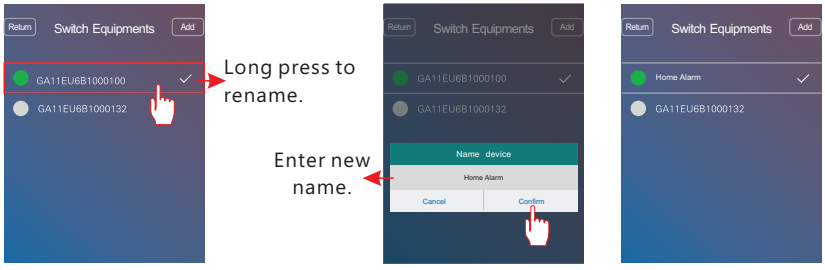
Touch each alarm host to switch

✓means the current host

●means host online

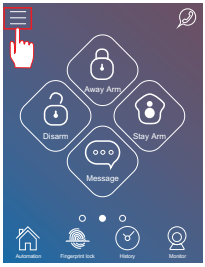
●means host offline

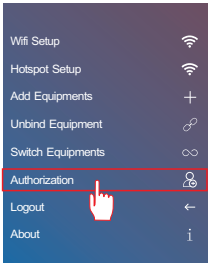
19.1 Rename Alarm Host

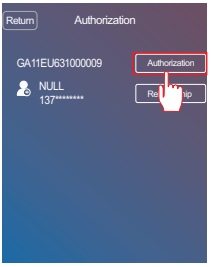


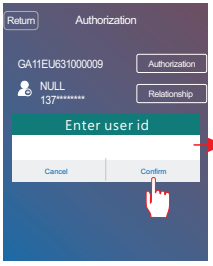
20.How to give authorization to other users

The first one who scan host's QR code will become the administrator,the administrator can give authorization to 3 other users. The other users need to download APP and register App account firstly, then the administrator can give authorization successfully.

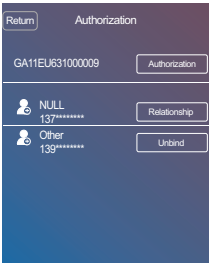








Enter the account of other user.



After authorization, the authorized user can control the host and receive pushes. The authorized user can not authorize other users. Only the administrator can authorize other users, and administrator can also unbind the authorization. The default administrator name is "NULL", users can press the "Relationship" button and then revise administrator name.

21.History

In the App main interface, click the 

button, the latest 100 alarm and operation records can be traced.

22.Logout

User can touch 

button to return to log in page.

Introduction of alarm host main menu

23.Upgrade firmware

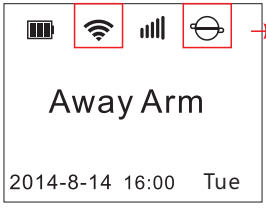
As engineer launch new software frequently, suggest user upgrade the host's software to newest version before usage.

①Confirm the host connected with WiFi network.

②Press , input admin password(default 0000), press .

③Choose "Upgrade", press .

④Choose "Software Upgrade", press .



Please confirm the host connected with WiFi network before upgrade.

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

Upgrade
Software Upgrade
TTS

Upgrade Software

Note: After software upgrade, user need restart alarm host.

24.How to switch language for alarm host

Step 1: switch voice

①Confirm the host connected with WiFi network.

②Press , input admin password(default 0000), press .

③Choose "Upgrade", press .

④Choose "TTS", press ,choose the language and press .Do not operate host now, when it is finish, the host will say "upgrading success", press .

Main Menu	Upgrade	TTS	English Female
Learning	Software Upgrade	English Female	Download TTS: 100% Write TTS: 100%
Delete&Review	TTS	English Male	
System Setting		German Female	
Network Setting		German Male	
Upgrade		Spanish Female	

Note: please do not operate the host during language switching.

Step 2: switch menu language

①Press , input admin password(default 0000), press .

②Choose sub menu "System setting".

③Choose "language" menu and press .

④Choose the language and press , the host will switch host menu language.

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

System Setting
Language
Password
Volume
Time Set
Push/SMS Alert

25.How to learn wireless sensors

① Press , input admin password(default 0000), press .

②choose "Learning", press .

③ Choose sub menu "Learning Sensor", press .

④choose sensor type, press ; and choose sensor sub type according to the sensor model.(check table 3 on page 11-13)

⑤ Press 4< and >6 to choose defense line and enable/disable the functional settings in menu, then press to save all settings.

（check table 4&5 on page 14 for functional settings introduction）

⑥ The host will say " start learning, please trigger detector".

⑦ Trigger the sensor, And then the host will say " learning success".

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

Learning Sensor
Learning Sensor
Register Device

Sensor Type
Door Sensor
Glass Sensor
Gas Sensor
Smoke Sensor
SOS

Sub Type
WDS07
WRDS01

Zone Attribution
Defense Line[1st]
Alarm Delay[]
Join Link[√]
Detect Door[]
Door Chime[]

Study Sensor
Is learning

26.How to learn devices

The devices means siren, relay output, smart socket, switch and night light.

① Press , input admin password(default 0000), press OK .
② Choose "Learning", press OK .
③ Choose sub menu "Register Device", press OK .
④ Choose the device type, press OK .
⑤ Choose sensor sub type according to the device model, press OK.
(Please check page 13 for device model)
⑥ Press the device learning button and make it under coding status.
For siren, check page 16, step ③ for detail guidance.
For relay output, check page 17, step ③ for detail guidance.
For smart socket, check page 18, step ③ for detail guidance.
For switch/light, check page 20, step ③ for detail guidance.
⑦ After coding finishes, press OK.
⑧ Press OK if the device coding succeeds.
If coding fails, press >6 to choose "NO" and then press OK .

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

Learning Sensor
Learning Sensor
Register Device

Device Type
Socket
Siren
Cuitain
Night light

Sub Type
S07
JDQ

Register Device
Register...

Register Device
Is Success?
Yes No

Register Device
Register complete!

27.Delete&Review

User can delete wireless sensors/devices/scene/ IFTTT(linkage) and review alarm records in this menu. The operations are similar, below we take wireless sensor as example:

①Press , input admin password(default 0000), press .

②Choose sub menu " Delete&Review", press .

③Choose "Detector list", press . ④Choose a sensor, press .

⑤Choose "delete" to delete that sensor, or choose "delete all" to delete all sensors .

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

Delete
Detector List
Device List
Scene List
IFTTT List
Alarm List

Detector List
Delete
Delete All

28.Modify User/Admin password

Admin password (default0000)	Press , input admin password to enter alarm host setting menu.
User password (default1111)	Press , input user password to disarm the system

①Press , input admin password(default 0000), press .

②Choose sub menu "System setting".

③Choose " Password", and press .

④Choose "User/Admin", and press .

⑤Input the new password, input the password again to confirm, and press to save setting. Note: the passwords should be 4 digitals.

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

System Setting
Language
Password
Volume
Time Set
Push/SMS Alert

Password
User
Admin

29. Volume Setting

①Press , input admin password(default 0000), press .

②Choose sub menu "System setting".

③Choose " Volume", and press .

④Choose "Key/Voice/Alarm/Ringer Volume", and press .

⑤Set the volume and press to save.

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

System Setting
Language
Password
Volume
Time Set
Push/SMS Alert

Volume
Key Volume
Voice Volume
Alarm Volume
Ringer Volume

30. Time Setting

①Press , input admin password(default 0000), press .

②Choose sub menu "System setting".

③Choose " Time Set", and press .

④Choose "Set Time Zone/Built-in Siren/Arm Delay/Alarm Delay/Auto Arm and Disarm/Keylight Time/Ring Time ", and press .

⑤Set the time and press to save.

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

System Setting
Language
Password
Volume
Time Set
Push/SMS Alert

Time Set
Set Time Zone
Build-in Siren
Arm Delay
Alarm Delay
Auto Arm/Disarm

31. Push/SMS alert

①Press , input admin password(default 0000), press .

②Choose sub menu "System setting".

③Choose "Push/SMS alert", and press .

④Press "4＜" to activate and press "＞6" to deactivate the alerts, finally press to save settings.

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

System Setting
Language
Password
Volume
Time Set
Push/SMS Alert

Push/SMS Alert
AC Fail [Y]
AC OK [Y]
Arm/Disarm [Y]
Battery Low [Y]
Sensor Low [Y]

Y:means activate

N:means deactivate

32. Alarm call No. and SMS alert No. setting

User can set alarm host phone number, 6 groups of alarm call phone numbers and 2 groups of SMS alerts phone numbers.

①Press , input admin password(default 0000), press .

②Choose sub menu "System setting".

③Choose "Phone Number" menu and press .

④Choose one group and press ,enter phone number and press to save setting.

Main Menu
Learning
Delete&Review
System Setting
Network Setting
Upgrade

System Setting
Password
Volume
Time Set
Push/SMS Alert
Phone Number

Phone Number
[0.Host Number]Empty!
[1.Alarm Number]Empty!
[2.Alarm Number]Empty!
[3.Alarm Number]Empty!
[4.Alarm Number]Empty!

Phone Number
[5.Alarm Number]Empty!
[6.Alarm Number]Empty!
[7.Alarm Number]Empty!
[8.SMS Number]Empty!
[9.SMS Number]Empty!

→ Phone Number Format: Country code+ Sim-card No.

33. Connect WIFI network in alarm host

①Press , input admin password(default 0000), press .

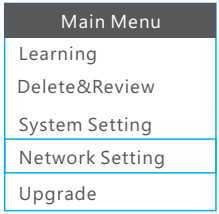
②Choose "Network setting", press .

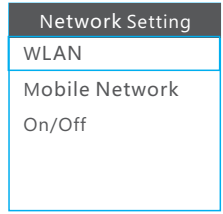
③Choose "WLAN ", press .

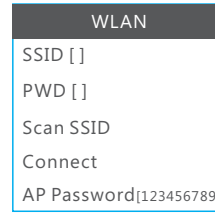
④Choose "Scan SSID", press .the alarm host will search the available WiFi network,choose the WiFi network, press . (user can also choose "SSID", then input the WiFi name)

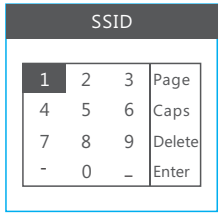
⑤Choose "PWD", press ; input WIFI password then press to confirm.

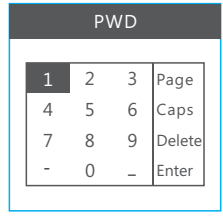
⑥Choose "connect", then alarm host will start connect WiFi network. If the WiFi connection succeeds, the host will say " connect network success " .



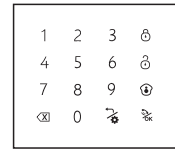








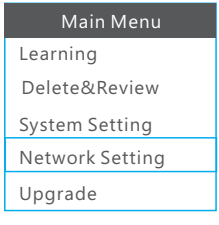
Host keypad

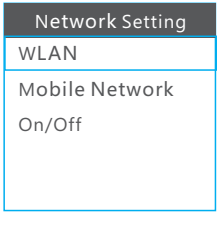


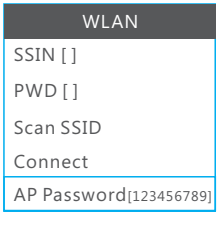
When users enter WIFI name and password, the screen will display a frame, the frame is corresponding to the panel touch keypad. See above picture for example, user can press 1 to input 1, press to input - ,press to page, press to capitalize words, press to delete the exist WiFi name/WiFi password, press to confirm .

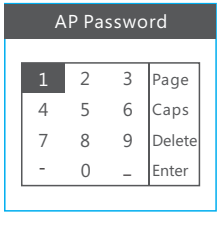
34. Modify host hotspot password

①Press , input admin password(default 0000), press .
②Choose "Network setting", press .
③Choose "WLAN ", press ; choose "AP password", press .
④Press to delete the exist password, and then input the new password, finally press to confirm.









Host keypad



35. Configure GPRS network manually

①Get the APN, user and password of host SIM card from operator.

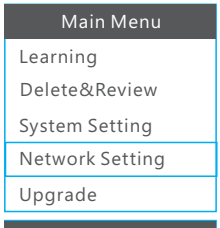
②Turn to host, press ,input admin password(default 0000), press .

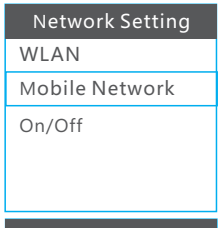
③Choose "Network setting", press .

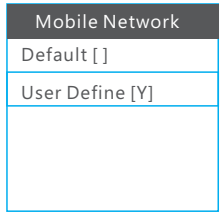
④Choose "Mobile Network ", press ; choose "User Define", press .

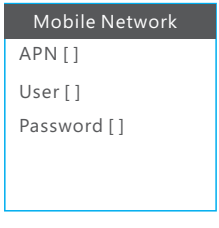
⑤Delete the exist APN, user and password, then input the right APN, user and password.

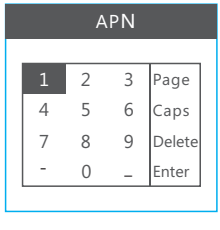
⑥Finally user need to restart alarm host to make it configure new APN.











Host keypad



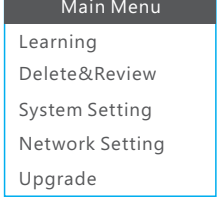
36. Enable/Disable WiFi network/GPRS network/host hotspot

①Press ,input admin password(default 0000), press .

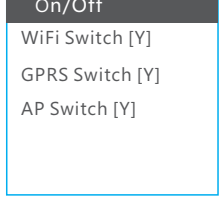
②Choose "Network setting", press .

③Choose "ON/OFF ", press .

④Press 4＜ to enable and press＞6 to disable WiFi network, GPRS network and host hotspot.

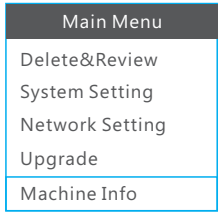


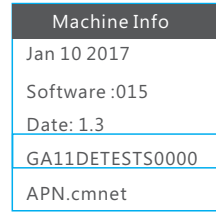




37. Check firmware version and SN No.

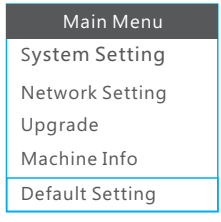
User can check alarm host information in this menu. The most important is the host serial number. The host's QR code is formed by its serial number.

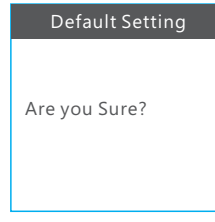




38. Default Setting

After users reset host to default setting, please remember to restart the alarm host. Then the host will automatically reconnect with previous wifi network, or users can connect new WiFi network for host.





39.Call up

It means alarm host can be used as a hand-free phone: if someone makes call to alarm host, the host will ring within the ring time, and the person beside the alarm panel can touch the OK button to answer the call. After conversation, user can touch the OK button again to end the call.

40.Answer alarm call

When the alarm host make alarm. Firstly it will send alarm push to smartphone. Then it will dial the preset numbers. If no one answers the call, the host will call the next number automatically. After pick up the call, user will hear the voice like " di ". User can remote control the host via smartphone keyboard.

Press [1]: the host stops alarming to Away Arm; it stops calling other users.
Press [2]: the host stops alarming to Home Arm; it stops calling other users.
Press [3]: the host stops alarming to Disarm; it stops calling other users.
Press [4]: the siren will stop ring and the host will start monitor
Press [5]: start two way intercom

Note: if you press [3] to disarm, the phone call will stop and you can not do other operation. For other operations, you can do more operations and then hang up the call.

41.Remote phone call control

User can use telephone to make a call to remote control panel. After the ring time, user will hear the rapid voice like " di di di di". Then users can input user password (Default user password is 1111) and then press " #" to confirm. For wrong password, users will hear the voice like " di di". For correct password, users will hear the voice like "di", and then users can remote control the host via smartphone keyboard.

Press [1]: Away Arm the host
Press [2]: Home Arm the host
Press [3]: Disarm the host
Press [4]: Start monitor
Press [5]: Start two way intercom

Note: if you press [3] to disarm, the phone call will stop and you can not do other operation. For other operations, you can do more operations and then hang up the call.

42.Remote SMS control

User can remote control the host via SMS. SMS control operation and corresponding SMS as below:

Disarm : #+user password+disarm+#
Away Arm : #+user password+away arm+#
Home Arm: #+user password+home arm+#
Check Status : #+user password+inquiry+#

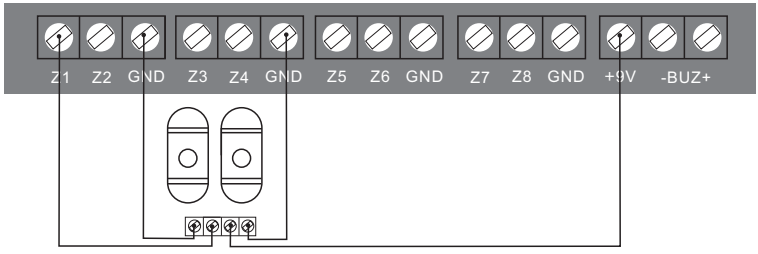
For example: The alarm host default user password is 1111. Users can send SMS "#1111disarm#" to disarm host. If the operation succeeds, the host will feedback a SMS " System Disarmed,Device: XXXXXXXX".

Wired zone sensor connection

The alarm host support 8 wired zones. User can connect wired sensors in wired zones. Here we introduce the wired beams, wired door sensor and wired PIR sensor. These wired sensors are powered by alarm host, so users need to connect them with host power terminal.

43.Wired Beams

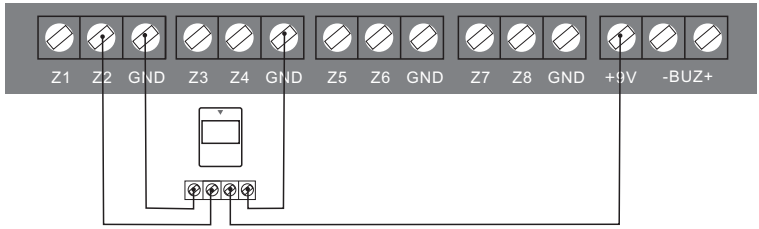
User need to connect the beams positive wire with +9V power terminal on alarm host. Connect beams negative wire with GND terminal on host. The beams signal output terminal should be connected with Z1/Z2/Z3/Z4/Z5/Z6/Z7/Z8 terminal on host, and the other output terminal should be connected with GND terminal on host.



Note: the power consumption of wired beams detector is a little high, please charge the host with adapter after installation.

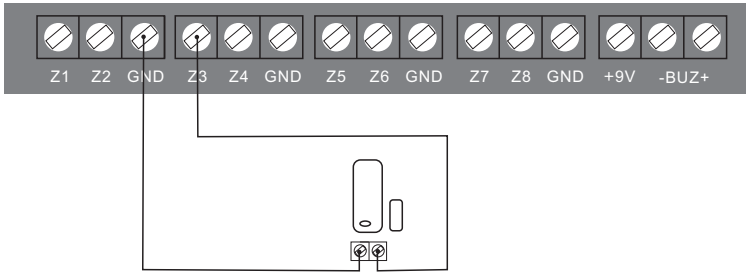
44.Wired PIR motion sensor

User need to connect the PIR positive wire with +9V power terminal on alarm host. Connect PIR negative wire with GND terminal on host. The PIR signal output terminal should be connected with Z1/Z2/Z3/Z4/Z5/Z6/Z7/Z8 terminal on host, the other output terminal should be connected with GND terminal on host.



45. Wired door sensor

User need to connect one of door sensor output terminal with Z1/Z2/Z3/Z4/Z5/Z6/Z7/Z8 terminal on host, and connect the other output terminal with GND terminal on host.



46.Maintenance

System detection

Alarm system needs regular care and maintenance and detection to ensure they work stably and securely. Normally the host needs a thorough inspection every 3 months and the detectors need to be checked once a month.

- Whether the host normally dials up the telephone numbers.
- Whether the host can receive detector signal and whether its backup battery works.
- Manually trigger detectors to check whether they trigger panel alarm.
- Check batteries of all detectors to see whether they are under voltage.

Notice

Alarm equipment, for explosion-proof design, shall not directly be used in hazardous location. Do not dismantle, repair and modify products privately. Without permit and consent from relevant department, do not directly set "110", "119" or alarm phone number of police station as alarm phone number of the host.


RoHS